

## ABSTRACT

The device for measuring the intensity (1) of a strong current passing through a wire (1) comprises a magnetic sensor (2) in the form of a loop surrounding the wire (1), and a turn (3) of conductive material surrounding the wire (1) conducting a high-frequency counter-current, the intensity of which is adjusted to cancel the magnetic field (H) is characterized in that the turn (3) of conductive material is in short circuit and surrounds the magnetic sensor (2).

Figure 1